

WEDNESDAY, APRIL 27<sup>TH</sup>, 1881.

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The President, Dr. J. C. Cox, F.L.S., in the Chair.

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MEMBERS ELECTED.

F. B. Kingdon, Esq.; Dr. Craig Dixon; Dr. Thomas Dixon  
and Dr. Schuette.

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DONATIONS.

Journal of the Royal Microscopical Society, Vol. I., part 1,  
series 2, from the Society.

Results of Rain and River observations for 1880, Recent  
changes in the surface of Jupiter, and Thunder and Hailstorms  
in N. S. Wales, from H. C. Russell, F.R.A.S.

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PAPERS READ.

DESCRIPTION OF A NEW SPECIES OF AUSTRALIAN AMPLEXA.

BY PROFESSOR RALPH TATE, F.G.S., &c.

AMPLEXA TURRITA, *spec. nov.*

Shell somewhat fusiformly turreted, thin, covered with a pale  
horn-coloured epidermis which is squamosely raised at the sutures  
and on the longitudinal carinae. Whorls five and a half, with  
distinct sutures; body whorl carinated, obliquely flattened  
posteriorly, and ornamented anteriorly with about five longi-  
tudinal ridges; penultimate whorl subquadrate with two  
prominent keels, one on the angle of the whorl, the other near  
the anterior suture. External surface with transverse thick  
striae of growth somewhat cancellated by the spiral ridges and  
intermediate lines. Spire exerted, scalariform, acute. Aperture  
ovate, subangulated posteriorly, about three-fifths of the length

of the shell; opaque-white within; columella plait distinct, inner lip white thinly and narrowly spread over the columella, and obliterating the umbilical fissure.

*Dimensions* :—Length 16, breadth 7·5, length of aperture 9·5 millimetres.

*Locality* :—Lake Wendouree, Ballarat, Victoria.

This species is closely related to *Physa Aliciæ*, from which it differs in its narrower and less oblique form, more attenuated spire, and in the fewness of the longitudinal keels. *P. Kershawi*, T.-Woods, though belonging to the same natural group, is like *P. mæsta*, Adams, of New Zealand, and therefore makes an approach to *P. Cumingi*.

## DESCRIPTIONS OF AUSTRALIAN MICRO-LEPIDOPTERA.

By E. MEYRICK, B.A.

### V. TORTRICINA.

In the present paper (together with the next instalment shortly to follow) I have endeavoured to create a substantial basis for the acquisition of knowledge of the *Tortricina* of Australia and New Zealand. I have identified, classified, and redescribed the species of the group indicated by Walker in the British Museum Catalogue of Lepidoptera, as well as the few others named by other writers; and have added descriptions of all the new species which I possess in my own collection. In the present instalment 103 species are described, of which 57 are new. The worthless character of Walker's descriptions is sufficiently well known; in this group, owing to the great similarity of marking and obscure colouring of the species, the great majority of his descriptions are in themselves absolutely unidentifiable, in the absence of trustworthy generic indication. The forty species of the *Tortricidæ* which he possessed from Australia and New Zealand are described